

YEARS 1 & 2 Funding | 69 projects for approx. \$103,000,000

The Southern California Region:

- As California grows, half of its anticipated new residents will reside in the semi-arid Southern California region.
- Adequate supplies of high quality water are required to maintain the economic potential in the region and state.
- Southern California's large contribution to the state's economy depends on a reliable water supply, some of which is imported from the Delta.

Water Quality

- Groundwater Replenishment System treats wastewater using microfiltration, reverse osmosis, and ultraviolet light plus hydrogen peroxide.
- Water quality exchange feasibility study with upper San Joaquin Valley agencies.
- Studies evaluating ultraviolet light treatment, management of sources of disinfection by-product forming material in SWP, and occurrence and sources of microbial contamination in the Delta region.

Water Supply Reliability

- Groundwater storage and well field restoration in Los Angeles and Ventura Counties.
- Conservation rebates for residential washers and toilets.
- Industrial, residential, and landscape water use efficiency programs throughout the region.
- X-Ray Processor Retrofit for conservation.
- Desalination pilot projects.

Watersheds

- Capturing and using stormwater in the Arroyo Seco watershed.
- Community outreach and education in Arroyo Seco watershed.
- Coordination of watershed project activities in the LA and San Gabriel River watersheds.
- Watershed coordination in Malibu, Topanga, and Mission Oak watersheds.



* For a comprehensive look at CALFED projects log on to <http://calfed.ca.gov>

INNOVATIVE PARTNERSHIPS

Southern California uses integrated planning processes to manage diverse water resources including imported water from the Delta, Colorado River, and Owens Valley, local groundwater supplies, recycled water, conserved water, and desalinated ocean water.

Stakeholders representing environmental, business, agricultural, environmental justice, and community interests are successfully collaborating in regional planning efforts. The Metropolitan Water District of Southern California, Santa Ana Watershed Project Authority, and Southern California Water Dialogue are among the groups facilitating this collaboration. The Dialogue, with assistance from a newly funded CALFED regional coordinator, is working with other regional agencies, organizations, and stakeholders on projects that will improve the quality and reliability of Southern California's water supply and benefit the CALFED program.



Water cleansing process at the Santa Monica Urban Runoff Facility



Orange County Groundwater Replenishment Ponds

REGIONAL PRIORITIES AND ISSUES

- Producing drinking water that meets or exceeds increasingly stringent state and federal standards
- Maximizing use of groundwater basins by expanding conjunctive use and groundwater cleanup programs
- Expediting water use efficiency projects including conservation, recycling, and water management programs
- Expanding watershed partnerships and developing integrated solutions to restore ecosystems and manage polluted stormwater runoff
- Developing mutually beneficial water transfer programs
- Reducing the salinity levels of imported water and the overall salt balance of the region
- Developing ocean water desalination projects

STATEWIDE BENEFITS

Many projects and programs implemented in Southern California provide benefits to the Delta and other regions of the state. These efforts include:

- Developing new treatment technology and water quality exchanges to improve Southern California drinking water quality and reduce the need for water exported from the Delta during critical periods
- Increasing storage capacity in Southern California through conjunctive use projects and new surface storage
- Implementing water conservation and recycling projects to reduce Southern California's dependence on water imported from the Delta
 - conserving 480,000 acre feet/year and
 - producing 200,000 acre feet/year of recycled water
- Investing and managing for healthy watersheds which can improve Southern California water quality and provide other local water management benefits
- Developing and funding desalination technology to create new local water supplies and reduce the need for imported water